



1645

PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/607,806	
	Filing Date	June 27, 2003	
	First Named Inventor	Gail Isabel Reid ADAM	
	Art Unit	1645	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	8	Attorney Docket Number	524592003200

ENCLOSURES (Check all that apply)				
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  Form 1449 References (91) Return Receipt Postcard		
<table border="1"><tr><td>Remarks</td></tr><tr><td>Customer No. 25225</td></tr></table>			Remarks	Customer No. 25225
Remarks				
Customer No. 25225				

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	MORRISON & FOERSTER LLP Bruce D. Grant - 47,608
Signature	
Date	November 12, 2003

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.	
Dated: 11/12/03	Signature:  (Judy Bridgwater)



PATENT  
Docket No. 524592003200

**CERTIFICATE OF MAILING BY "FIRST CLASS"**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on November 12, 2003.

Judy Bridgwater  
Judy Bridgwater

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the application of:

Gail Isabel Reid ADAM et al.

Serial No.: 10/607,806

Filing Date: June 27, 2003

For: THERAPEUTIC METHODS FOR  
REDUCING FAT DEPOSITION AND  
TREATING ASSOCIATED  
CONDITIONS

Examiner: Unassigned

Group Art Unit: 1645

**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record. Applicants respectfully request the Examiner to make note of related U.S. Patent Application Nos. 10/455,552 and 10/608,296.

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
  - ☐ A fee is required. A check in the amount of \_\_\_ is enclosed.
  - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly; no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of \_\_\_ is enclosed.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 524592003200. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: November 12, 2003

Respectfully submitted,

By: 

Bruce D. Grant

Reg. No. 47,608

Morrison & Foerster LLP

3811 Valley Centre Drive, Suite 500

San Diego, California 92130-2332

Telephone: (858) 720-7962

Facsimile: (858) 720-5125

Form PTO-1449

Docket Number 524592003200

Application Number 10/607,806

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

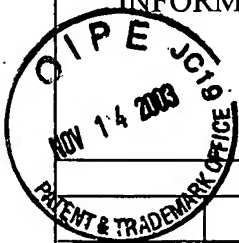
Applicant

Gail Isabel Reid ADAM et al.

Filing Date June 27, 2003

Group Art Unit 1645

Mailing Date November 12, 2003



	58.	01/2001	6,180,596	Tsao et al.	514	2	
	59.	02/2001	6,194,144	Köster	435	6	
	60.	10/2001	6,310,217	Lehr	548	492	
	61.	02/2002	6,350,892	Banville et al.	556	436	

## FOREIGN PATENTS

Examiner Initials		Date	Document No.	Country	Class	Subclass	Translation YES NO	
	62.	05/1997	WO 97/17448 /	PCT				
	63.	03/1998	WO 98/08818 /	PCT				
	64.	06/1998	WO 98/24437 /	PCT				
	65.	06/1998	WO 98/25893 /	PCT				
	66.	08/1998	WO 98/33797	PCT				
	67.	06/1999	WO 99/29726	PCT				
	68.	08/1999	WO 99/41278	PCT				
	69.	09/1999	WO 99/44604	PCT				
	70.	05/2000	WO 00/27824	PCT				
	71.	11/2000	WO 00/71118	PCT				
	72.	01/2002	WO 02/08189	PCT				

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	73.	Acton et al., Arterioscler. Thromb. Vasc. Biol., 19:1734-1743 (1999).
	74.	Chagnon et al., Obesity Research, 8:89-117 (2000).
	75.	Collins et al., Mamm. Genome, 4:454-458 (1993).
	76.	Elbashir et al., Methods, 26(2):199-213 (2002).
	77.	Keightley et al., Genetics, 142:227-235 (1996).
	78.	Kruglyak & Lander, Amer. J. Human Genetics, 57:439-454 (1995).
	79.	McRorie et al., Regul. Toxicol. Pharmacol. 31:59-67 (2000).
	80.	Perusse et al., Obesity Research, 9:135-169 (2001).

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Application Number 10/607,806

## Applicant

Gail Isabel Reid ADAM et al.

Filing Date June 27, 2003

Group Art Unit 1645

Mailing Date November 12, 2003

81.	Perusse et al., Diabetes, 50:614-621 (2001).
82.	Reynolds et al., Anal. Biochem., 204:190-197 (1992).
83.	Reynolds et al., Anal. Biochem., 217:25-32 (1994).
84.	Reynolds et al., Methods in Enzymology, 197:3-23 (1991).
85.	Stone et al., American J. Human Genetics, "A major predisposition locus for severe obesity at 4p15-p14," (June 2002).
86.	Sun et al., Int. J. Obes., 23:929-935 (1999).
87.	Van de Kamer et al., J. Biol. Chem. 177:347-355 (1949).
88.	Vuoristo et al., Gastroenterol. 78:1518-1525 (1980).
89.	Vuoristo and Miettinen, Scand. J. Gastroenterol. 22:289-294 (1987).
90.	Yang et al., J. Neurochemistry, 73:1278-1287 (1999).
91.	Yu et al., Methods in Enzymology, 197:65-75 (1991).

**EXAMINER:**

DATE CONSIDERED:

**EXAMINER:** Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449

Docket Number 524592003200

Application Number 10/607,806

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

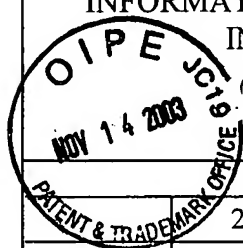
Applicant

Gail Isabel Reid ADAM et al.

Filing Date June 27, 2003

Group Art Unit 1645

Mailing Date November 12, 2003



27.	08/1995	5,446,189	Carson et al.	560	44	
28.	09/1995	5,451,600	Banner et al.	514	414	
29.	09/1995	5,453,443	Perrier et al.	514	570	
30.	04/1996	5,504,073	Homan	514	130	
31.	04/1996	5,508,302	Mobilio	514	445	
32.	06/1996	5,523,297	Pruzanski et al.	514	152	
33.	07/1996	5,541,306	Agrawal et al.	536	22.1	
34.	08/1996	5,547,835	Köster	435	6	
35.	10/1996	5,563,164	Clemens et al.	514	381	
36.	10/1996	5,567,597	Dennis et al.	435	18	
37.	11/1996	5,578,639	Homan	514	522	
38.	01/1997	5,597,943	Ohtani et al.	560	42	
39.	02/1997	5,605,798	Köster	435	6	
40.	04/1997	5,622,828	Parma et al.	435	6	
41.	08/1997	5,656,602	Tseng et al.	514	17	
42.	10/1997	5,679,801	Caufield et al.	549	61	
43.	11/1997	5,688,821	Kees	514	371	
44.	11/1997	5,691,141	Köster	435	6	
45.	10/1998	5,817,826	Ohtani et al.	548	229	
46.	12/1998	5,849,542	Reeve et al.	435	91.1	
47.	02/1999	5,866,318	Rydel et al.	435	4	
48.	02/1999	5,869,242	Kamb	435	6	
49.	07/1999	5,928,906	Köster et al.	435	91.2	
50.	10/1999	5,968,818	Homan	514	381	
51.	10/1999	5,968,963	Gloger et al.	435	325	
52.	10/1999	5,972,972	Mihelich et al.	514	341	
53.	11/1999	5,994,398	John et al.	514	485	
54.	03/2000	6,043,031	Köster et al.	435	6	
55.	08/2000	6,110,933	Takase et al.	514	307	
56.	11/2000	6,147,100	Seno et al.	514	369	
57.	01/2001	6,177,257	Macphee et al.	435	7.4	

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449

Docket Number 524592003200

Application Number 10/607,806

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Applicant

Gail Isabel Reid ADAM et al.

Filing Date June 27, 2003

Group Art Unit 1645

Mailing Date November 12, 2003



## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.		10/455,552	Adam			06/2003
	2.	05/2002	20020065246A1	Banville et al.	514	63	
	3.	12/1980	4,239,780	Wallach	424	330	
	4.	07/1989	4,845,292	MacGregor et al.	564	353	
	5.	09/1990	4,959,357	Reers et al.	514	103	
	6.	12/1990	4,978,609	Misaki et al.	435	7	
	7.	11/1991	5,066,671	Caufield	514	453	
	8.	12/1991	5,070,207	Schiehser et al.	548	208	
	9.	12/1991	5,075,339	Wilkerson	514	682	
	10.	05/1992	5,112,864	Djuric et al.	514	459	
	11.	06/1992	5,120,647	Yoshida et al.	435	119	
	12.	06/1992	5,124,334	Wilkerson	514	277	
	13.	08/1992	5,141,959	Carroll et al.	514	568	
	14.	09/1992	5,145,844	Tegeler et al.	514	77	
	15.	04/1993	5,202,350	Zusi et al.	514	461	
	16.	05/1993	5,208,223	Wissner et al.	514	92	
	17.	05/1993	5,208,244	Weiss	514	336	
	18.	07/1993	5,229,403	Haga et al.	514	352	
	19.	01/1994	5,281,626	Oinuma et al.	514	603	
	20.	03/1994	5,290,817	Petratis	514	700	
	21.	05/1994	5,308,766	Dennis et al.	435	184	
	22.	09/1994	5,350,579	Berry et al.	424	122	
	23.	10/1994	5,352,673	Dennis	514	78	
	24.	02/1995	5,391,817	Springer et al.	562	469	
	25.	05/1995	5,420,289	Musser et al.	548	159	
	26.	06/1995	5,427,919	Dennis et al.	435	18	

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.